

Amendments to the Specification:

Please amend the Abstract as follows:

Briefly, an access point may include one or more software defined radios that may be arranged to implement one or more radio transmission protocols or standards. New radio transmission protocol or standards may be downloaded into the access point so that the access point may communicate according to new radio transmission protocols or standards as they are developed.

Please replace paragraph [0018] with the following amended paragraph:

[0018] Referring now to FIG. 2, an access point having at least one or more configurable radios in accordance with the present invention will be discussed. In one embodiment, access point 122 may be access point 122 as shown in and described with respect to FIG. 1. Access point 122 may include a radio frequency (RF) front end 210 which may be utilized, for example, to connect one or more transceivers for example as shown in FIG. 2 as N physical layer blocks PHY (A) 212, PHY (B) 214, up to physical layer block PHY (N) 216, and may include for example switches, filters, impedance matchers, and so on, to connect one or more transmitters and receivers to one or more antennas, although the scope of the invention is not limited in this respect. Physical layer blocks 212, 214, and 216 may include software defined radio programmable logic blocks 218, 220, and 222 to configure the function of the physical layer blocks 212, 214, and 216, for example via programming of programmable logic blocks 218, 220, and 222. Communication using physical layer blocks 212, 214, and 216 may be controlled via a media access control (MAC) layer 224 which may include N MAC layer blocks MAC (A) 226, MAC (B), up to MAC layer block MAC (N) 230 to control corresponding physical layer blocks 212, 214, and 216, although the scope of the invention is not limited in this respect. In on embodiment of the invention, radios defined by physical layer blocks 212, 214, and 216, and optionally MAC layer blocks 226, 228, and 230 of MAC layer 224 may be programmable in accordance with at least one or more specifications

provided by the Software Defined Radio Forum of Denver, Colorado (www.sdrforum.org) (~~www.sdrforum.org~~), although the scope of the invention is not limited in this respect. In one embodiment of the invention, radios defined by PHY blocks 212, 214, and 216 may be programmable to implement radio communication in accordance with one or more radio communication standards, for example an IEEE 802.11 standard such as IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, and so on, a ~~Bluetooth~~ BLUETOOTH® standard, a cellular radio standard such as a Global System for Mobile Communications (GSM) system, an Enhanced Data GSM Environment (EDGE) standard, a Wideband Code Division Multiple Access (WCDMA) standard, an International Telecommunication Union (ITU) standard such as a Third Generation (3G) or a Fourth Generation (4G) mobile communication technology, and so on, although the scope of the invention is not limited in this respect. It should be noted that in at least one or more alternative embodiments of the invention, access point 122 may be other wireless devices, for example a network interface card, a cellular telephone, a cellular base station, or the like, although the scope of the invention is not limited in this respect.